# INTERNATIONAL SEARCH REPORT

PCT/EP2004/003731

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A. CLASS	FICATION OF SUBJECT MATTER G06F9/46	<del></del>	
According to	io international Patent Classification (IPC) or to both national classific	cation and IPC	
	SEARCHED		
	ocumentation searched (classification system followed by classificat	ion symbols)	
Documenta	dion searched other than minimum documentation to the extent that	such documents are included in the fields sea	arched
Electronic d	tata base consulted during the international search (name of data ba	ase and, where practical, search terms used)	
EPO-In	ternal		
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		
Calegory *	Citation of document, with indication, where appropriate, of the re-	ievant passages	Relevant to dalm No.
X	EP 1 162 536 A (HITACHI LTD) 12 December 2001 (2001-12-12)		1-7, 10-12, 20,21, 25,26, 28,29
	paragraph '0011! - paragraph '002	28!	•
Χ.	EP 1 054 322 A (HITACHI, LTD) 22 November 2000 (2000-11-22) paragraphs '0043! - '0045!, '006 '0070!	55! ~	1,13,14
X	US 2001/016879 A1 (ARAI TOSHIAKI 23 August 2001 (2001-08-23) paragraph '0016! - paragraph '001		1-7,10, 20,21, 25,26, 28,29
	paragraph '0054! - paragraph '006		!
	-	-/	
X Funt	her documents are listed in the continuation of box C.	X Petent family members are listed in	sonex.
• Special ca	legaries of alled documents :	"T" later document published after the Intern	national filing date
"A" docume	ant defining the general state of the art which is not	or priority date and not in conflict with the clied to understand the principle or the	he application but
consid	lared to be of particular relavance document but published on or after the International	Invention	
filling d		"X" document of particular relevance; the cla cannot be considered novel or cannot be byoke an inventive step when the docu-	be considered to
which I	na which may infow goulpis on promy casim(s) or is cited to establish the publication date of another n or other special reason (as specified)	"Y" document of particular relevance; the cla	almed invention
	ent referring to an oral disclosure, use, exhibition or	cannol be considered to involve an inve document is combined with one or mon ments, such combination being obvious	e other such docu-
P° docume	reens int published prior to the international filing date but ian the priority date claimed	in the art.  *&* document member of the same patent fa	·
Date of the	actual completion of the international search	Date of mailing of the International searce	сћ героп
17	7 March 2005	29.06.	2005
Name end n	naling address of the ISA European Patent Office, P.B. 5818 Patentiaan 2	Authorized officer	
	N 2280 HV Rijswijk Tet (-31-70) 340-2040, Tx. 31 651 epo ni,	B1.1n. K .	

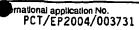
## INTERNATIONAL SEARCH REPORT

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		PCT/EP2004/003731
C.(Continue	tion) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of document, with Indication, where appropriate, of the relevant passages	Relovant to claim No.
X	US 2003/036843 A1 (NAKAMURA KOZO ET AL) 20 February 2003 (2003-02-20) paragraph '0036! - paragraph '0056!	1-5,10, 20,21, 25,26, 28,29
A	"Jaluna-2 Preview Release 1 Description" JALUNA PRODUCT DOCUMENTATION, December 2002 (2002-12), pages 1-32, XP0001189063 the whole document	1-32
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	(continuation of second cheer) (January 2004)	

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## INTERNATIONAL SEARCH REPORT



Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This international Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Claims Nos.:     because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful international Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of Invention is lacking (Continuation of Item 3 of Iirst sheet)
This international Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
1. As all required additional search tees were timely paid by the applicant, this international Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:  1-14 20 21 25 26 28 29 32-36
4. No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
The additional search fees were accompanied by the applicance protest.  No protest accompanied the payment of additional search fees.

#### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-12 20 21 25 26 28 29 32-36

Handling processor exceptions for the second operating system in virtual fashion

2. claims: 13-14

Providing access to shared input and/or output devices

3. claims: 15-18

Restarting the second operating system without interrupting operation of the first operating system  $\,$ 

4. claim: 19

Debugging the operating systems

5. claims: 22-24 27

Providing inter-operating system communication

6. claim: 30 31

Modifying each operating system for operating in multiple operating system mode  $% \left( 1\right) =\left\{ 1\right\}$ 

## Best Available Copy

## INTERNATIONAL SEARCH REPORT

nformation on patent family members

Internal Application No PCT/EP2004/003731

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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